

ELECTROCHEMICAL CELL HAVING VENTING CURRENT
COLLECTOR AND SEAL ASSEMBLY

ABSTRACT OF THE DISCLOSURE

A low profile collector and seal assembly for sealing the open end of a container of an
5 electrochemical cell and providing venting of pressurized gases. An electrochemical cell has a can
with a closed bottom end and an open top end, positive and negative electrodes disposed in the can,
and a collector and seal assembly disposed in the open top end of the can for closing the open top
end of the can. The collector and seal assembly includes a current collector and an annular seal that
move relative to each other from a sealed position to a vented position when the internal cell
pressure reaches a pressure threshold to vent pressurized gases.

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